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Appl. No. 10/620,400 Amdt. dated 11 Oct 04 Reply to Office action of 12 July 04

BARNES AND THORNBURG

## In the Claims:

This listing of claims replaces all prior versions and listings of the claims in this application:

- 1.-13. (Canceled).
- 14. (Currently Amended) A device for inserting a fastener into a substrate, the device comprising
  - a fastener holder configured to hold a plurality of fasteners,
- a fastener pusher coupled for movement relative to the fastener holder, the fastener pusher being configured to engage an end of a fastener,

an actuator coupled to the fastener pusher, the actuator being configured to move the fastener pusher between an extended fastener-inserting position and a retracted position,

wherein the actuator comprises a pneumatically driven piston, the piston being biased by compressed air to move the fastener pusher between both the extended position and the retracted position.

- 15. (Original) The device of claim 14, wherein the fastener holder is exchangeable with a second fastener holder.
- 16. (Original) The device of claim 14, further comprising a second actuator, the second actuator including a handle and an operator-driven piston coupled to the handle.
- 17. (Original) The device of claim 14, further comprising a control apparatus for controlling the actuator, the control apparatus including a pneumatic valve.
- (Original) The device of claim 17, wherein the control apparatus 18. includes two pneumatic valves.
- 19. (Original) The device of claim 18, wherein the two pneumatic valves have a first default position and a second position.
- (Original) The device of claim 19, wherein the actuator is actuated 20. when the two pneumatic valves are in their second position.
- 21. (New) A fastener insertion device for inserting fasteners in a substrate or in the ground, the insertion device comprising:
- a magazine configured to hold a plurality of fasteners and having an opening through which the fasteners are fed;

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a drive member moveable in a first direction across the opening of the magazine by compressed gas to drive a fastener into the ground, and moveable in an opposite second direction across the opening by compressed gas.

22. (New) The device of claim 21 further comprising a pneumatic actuator including:

a pneumatic cylinder having an upper portion and a lower portion, the pneumatic cylinder being in fluid communication with a source of compressed gas; and a piston having an upper end and an opposite lower end, the piston being disposed within the cylinder and moveable relative thereto, and the piston being coupled to the drive member.

- 23. (New) The device of claim 22 wherein the pneumatic actuator further comprises a charging chamber in fluid communication with both the source of compressed gas and with the pneumatic cylinder.
- 24. (New) The device of claim 23 wherein the pneumatic actuator further comprises a control apparatus in fluid communication with the charging chamber and the pneumatic cylinder and configured to control the introduction of compressed gas into the pneumatic cylinder.
- 25. (New) The device of claim 24 wherein the control apparatus is disposed between the charging chamber and the pneumatic cylinder.
- (New) The device of claim 25 wherein the control apparatus comprises a first valve configured to direct compressed gas into the upper portion of the pneumatic cylinder to drive the piston in the first direction and a second valve configured to direct compressed gas into the lower portion of the pneumatic cylinder to drive the piston in the second direction.
- 27. (New) The device of claim 26, wherein both valves must be actuated in order to move a plunger in the pneumatic cylinder.
- (New) The device of claim 27, wherein the valves comprise buttons 28. which are actuated by applying pressure thereto.
- (New) The device of claim 21, wherein the magazine is removable and 29. is configured to house fasteners of different dimensions.
  - 30. (New) The device of claim 29, wherein the fasteners comprise staples.
  - (New) The device of claim 29, wherein the fasteners comprise stakes. 31.

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32. (New) The device of claim 21, further comprising a manual actuator including

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- a handle coupled to the drive member and operable alone or with the aid of the compressed gas to move the drive member in the first direction, and
- a spring bias disposed between the handle and the drive member and operable alone or with the aid of the compressed gas to move the drive member in the second direction.
- 33. (New) A fastener insertion device for inserting fasteners in a substrate or in the ground, the insertion device comprising:
- a magazine configured to hold a plurality of fasteners and having an opening through which the fasteners are fed;
- a pneumatic cylinder having an upper portion and a lower portion, the pneumatic cylinder being in fluid communication with a source of compressed gas;
- a piston having an upper end and an opposite lower end, the piston being disposed within the cylinder and moveable relative thereto;
- a drive member coupled to the piston and moveable therewith in a first direction across the opening of the magazine by the compressed gas entering the upper portion of the pneumatic cylinder to drive a fastener into the ground, and moveable in an opposite second direction across the opening by compressed gas entering the lower portion of pneumatic cylinder.